

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 6/01/2011**

<b>Control</b>	<b>0918-46-180</b>
<b>Project</b>	<b>BR 2008(625)</b>
<b>Highway</b>	<b>CR</b>
<b>County</b>	<b>DENTON</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2008(625)

CONTROL: 0918-46-180

COUNTY: DENTON

LETTING: 06/08/2011

REFERENCE NO: 0701

**PROPOSAL ADDENDUMS**

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X PROPOSAL COVER

X BID INSERTS (SH. NO.: 3-5, 4-5 )

X GENERAL NOTES (SH. NO.: A - N )

X SPEC LIST (SH. NO.: 1-3, 2-3 )

X SPECIAL PROVISIONS:

ADDED: 008---007

DELETED: 008---006

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: See changes outlined below.

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

Proposal Cover:

Changed working days to 152.

Bid Inserts:

Sheet 3-5: Item 432-2002 is deleted.

Item 459-2012 is added with a quantity of 618 SY.

Item 459-2014 is added with a quantity of 618 CY.

Sheet 4-5: Item 552-2003 is added with a quantity of 500 LF.

Items shifted due to the revisions and sheet 6-6 was added.

Spec List:

Sheet 1-3: Item 459 is added.

Sheet 2-3: SP 008-006 is replaced with 008-007.

Item 552 is added.

information shifted due to the revisions.

General Notes:

The entire general notes are replaced.

Sheets O and P are added and information shifted due to revisions.

Plan Set:

The following sheets are replaced:

6, 6A - 6F, 7, 7A

The following sheet is revised:

DESCRIPTION OF ABOVE CHANGES

(CONTINUED)

(INCLUDING PLANS SHEET CHANGES)

2.

The following sheets are added:

30A, 6G

Control	0918-46-180
Project	BR 2008(625)
Highway	CR
County	DENTON

# PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

## 2004 SPECIFICATIONS

### WORK CONSISTING OF REPLACE BRIDGE AND APPROACHES DENTON COUNTY, TEXAS

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 152 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

TEN THOUSAND (Dollars) ( \$10,000 )

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

• **Signed: \*\***

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Print Name:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Title:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Company:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

- Signatures to comply with Item 2 of the specifications.

**\*\*Note:** Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

**\* When the working days field contains an asterisk (\*) refer to the Special Provisions and General Notes.**

## **NOTICE TO CONTRACTORS**

**ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY “AUDITED FINANCIAL STATEMENT” AND “EXPERIENCE QUESTIONNAIRE” AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.**

**UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.**

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002	002	PREPARING ROW  DOLLARS CENTS and	STA	7.500	1
	110	2001		EXCAVATION (ROADWAY)  DOLLARS CENTS and	CY	590.000	2
	110	2002		EXCAVATION (CHANNEL)  DOLLARS CENTS and	CY	694.000	3
	132	2025		EMBANKMENT (FINAL) (DENS CONT) (TY C1)  DOLLARS CENTS and	CY	2,219.000	4
	132	2026		EMBANKMENT (FINAL) (DENS CONT) (TY C2)  DOLLARS CENTS and	CY	91.000	5
	161	2002	006	COMPOST MANUF TOPSOIL (BOS) (4")  DOLLARS CENTS and	SY	2,039.000	6
	162	2002		BLOCK SODDING  DOLLARS CENTS and	SY	2,039.000	7
	164	2041	002	DRILL SEEDING (TEMP) (WARM)  DOLLARS CENTS and	SY	2,039.000	8
	164	2043	002	DRILL SEEDING (TEMP) (COOL)  DOLLARS CENTS and	SY	2,039.000	9
	168	2001		VEGETATIVE WATERING  DOLLARS CENTS and	MG	202.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	310	2015		PRIME COAT (SS-1 OR AE-P)  DOLLARS and CENTS	GAL	285.000	11
	340	2011	003	D-GR HMA(METH) TY-B PG64-22  DOLLARS and CENTS	TON	487.000	12
	340	2032	003	D-GR HMA(METH) TY-C SAC-B PG64-22  DOLLARS and CENTS	TON	152.000	13
	416	2001		DRILL SHAFT (18 IN)  DOLLARS and CENTS	LF	75.000	14
	416	2004		DRILL SHAFT (36 IN)  DOLLARS and CENTS	LF	360.000	15
	420	2041	002	CL C CONC (ABUT)(HPC)  DOLLARS and CENTS	CY	37.200	16
	420	2223	002	CL C CONC (COLUMN)(HPC)  DOLLARS and CENTS	CY	18.800	17
	420	2256	002	CL S CONC(APPR SLAB)(HPC)  DOLLARS and CENTS	CY	44.700	18
	420	2269	002	CL C CONC (CAP)(HPC)  DOLLARS and CENTS	CY	22.200	19
	422	2003		REINF CONC SLAB (HPC)(CL S)  DOLLARS and CENTS	SF	3,900.000	20
	423	2001		RETAINING WALL (MSE)  DOLLARS and CENTS	SF	647.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	425	2065	001	PRESTR CONC GIRDER (TX34) DOLLARS and CENTS	LF	593.920	22
	428	2002	001	CONC SURF TREAT (CLASS II) DOLLARS and CENTS	SY	386.000	23
	432	2019		RIPRAP (STONE PROTECTION)(12 IN) DOLLARS and CENTS	CY	7.000	24
	432	2039		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	17.000	25
	450	2211	001	RAIL (TY T551) (HPC) DOLLARS and CENTS	LF	81.000	26
	450	2609	001	RAIL (TY T552)(HPC) DOLLARS and CENTS	LF	342.000	27
	454	2001		SEALED EXPANSION JOINT (4 IN)(SEJ-A) DOLLARS and CENTS	LF	51.000	28
	459	2012		GABION MATTRESSES (GALV)(18 IN) DOLLARS and CENTS	SY	618.000	29
	459	2014		GABIONS (3' X 3')(GALV) DOLLARS and CENTS	CY	618.000	30
	496	2009		REMOV STR (BRIDGE 0-99 FT LENGTH) DOLLARS and CENTS	EA	1.000	31
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	32



ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	8.000	33
	506	2016	010	CONSTRUCTION EXITS (INSTALL) (TY 1) DOLLARS and CENTS	SY	80.000	34
	506	2019	010	CONSTRUCTION EXITS (REMOVE) DOLLARS and CENTS	SY	80.000	35
	506	2034	010	TEMPORARY SEDIMENT CONTROL FENCE DOLLARS and CENTS	LF	700.000	36
	512	2037	002	PORT CTB (REMOVE)(SAFETY SH)(TY 1) DOLLARS and CENTS	LF	60.000	37
	540	2011	023	MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	4.000	38
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	325.000	39
	544	2013		GDRAIL END TRT(INSTALL)(HBA POST) DOLLARS and CENTS	EA	4.000	40
	552	2003		WIRE FENCE (TY C) DOLLARS and CENTS	LF	500.000	41
	644	2004		INS SM RD SN SUP&AM TY 10BWG(1) SA(T) DOLLARS and CENTS	EA	2.000	42

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	644	2060		REMOVE SM RD SN SUP & AM DOLLARS and CENTS	EA	2.000	43
	658	2229		RMV DELIN OR OBJECT MARKER ASSEM- BLIES DOLLARS and CENTS	EA	4.000	44
	658	2260		INSTL DEL ASSM (D-SW)SZ (TYC)GF1 DOLLARS and CENTS	EA	12.000	45
	658	2261		INSTL DEL ASSM (D-SW)SZ (TYC)GF1(BI) DOLLARS and CENTS	EA	6.000	46
	666	2012		REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	1,440.000	47
	666	2111		REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	1,440.000	48
	666	2145		REF PAV MRK TY II (W) 4" (SLD) DOLLARS and CENTS	LF	380.000	49
	666	2178		REF PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	380.000	50
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	18.000	51
	678	2001		PAV SURF PREP FOR MRK ( 4") DOLLARS and CENTS	LF	380.000	52

PROJECT BR 2008(625)  
COUNTY DENTON

PROPOSAL SHEET  
TxDOT  
FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	5049	2002		BIODGRD EROSION CONTROL LOGS (18" DIA)  and  DOLLARS CENTS	LF	922.000	53

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**Sheet:**

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**Highway: CR**

## **SW3P RESPONSIBILITIES**

### **TxDOT Area of Responsibility**

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

### **TxDOT Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

### **Contractor Area of Responsibility**

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

### **Contractor Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

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**SPECIFICATION DATA**

<b>Table 1: Soil Constants Requirements</b>				
Item	Description	Plasticity Index		Note
		Max	Min	
132	Embk(OC) (Type C1)	40	8	1
132	Embk(DC) (Type C2)	25	10	2

Note 1: Material excavated from the project must meet the PI requirements when used in the top 10 feet of embankment that supports the pavement structure or other locations shown in the plans. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

Note 2: Use as a non-select embankment backfill as defined under Item 423.2.C.1. Use as an embankment to backfill behind abutments to the extent of the approach slab or to backfill areas enclosed by an abutment and / or retaining walls or other locations as shown in the plans.

<b>Table 2: Basis of Estimate for Permanent Construction</b>						
Item	Description	Thickness	Rate		Quantity	
166 *	Fertilizer (12-6-6)	N/A	500	Lbs/Ac	0.11	Ton
168	Vegetative Watering	N/A	240	Mg/Ac	101	Mg
340	D-GR HMA(METH)TY-B PG64-22	6"	110	Lbs/Sy/In	487	Ton
340	D-GR HMA(METH)TY-C PG64-22	2"	110	Lbs/Sy/In	152	Ton
*For contractor's information only.						
Note: (1) Asphalt weight based on 110 Lbs/SY/inch						

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Table 3: Basis of Estimate for Temporary Erosion Control Items					
Item	Description	Rate		Quantity	
164	Drill Seeding (Temp)(Warm)	34	Lbs /Ac	2039	Sy
164	Drill Seeding (Temp)(Cool)	34	Lbs /Ac	2039	Sy
166*	Fert (12-6-6)	500	Lbs /Ac	0.11	Ton
168	Vegetative Watering	240	Mg/Ac	101	Mg
*For contractor's information only					

Table 4: Basis of Estimate for Finish Colors (Item 427) <sup>1</sup>		
Element	Color	Specification Number <sup>2</sup>
Retaining wall	Concrete Gray	35630
Retaining wall coping	Concrete Gray	35630
Railing	Concrete Gray	35630
Bridge Surface Area 1	Concrete Gray	35630

1. Unless otherwise noted, it is the intent of these plans that all exposed surfaces (concrete or steel) of bridges, retaining walls and concrete traffic railing be given a tinted coating as shown or as directed. Such coating shall meet the applicable provisions of Item 427.
2. Federal Standard 595b colors.

## GENERAL

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is 1.78acres (Fish Hatchery Road). However, the Total Disturbed Area (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental

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Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

This project required coordination with TCEQ and NWP3(1) Permit with environmental resources agencies. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.19.F, "Project-Specific Locations", will provide a listing of regulatory agencies that may need to be contacted regarding this project.

Bidders may also obtain a free computer diskette that contains earthwork information from the engineer's office. Paper copies of cross-sections may be produced by using the provided free diskette at the bidders' expense and at copying companies. This data is for non-construction purposes only and it is the responsibility of the prospective bidder to validate the enclosed data with appropriate plans, specifications and estimate for the project(s).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Meet weekly with the engineer to notify him or her of planned work for the upcoming week.

Submit pre-letting questions, by email only, to the attention of Area Engineer and Area Engineer's representative. Email: [gary.bailey@TxDOT.gov](mailto:gary.bailey@TxDOT.gov) and [chris.behnke@TxDOT.gov](mailto:chris.behnke@TxDOT.gov). Answers will be provided by email.

A file containing pre-letting questions and TxDOT answers will be available for review at the Denton Area Office, 2664 W. Prairie, Denton, TX 76201.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

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Access to the project from the north end of the bridge will be through USACE property. The north access gate is located on E. Jones St. at the intersection of N. Kealy Ave. Lewisville, Tx 75057. Coordinate with the Ranger at the USACE Office at 1801 N. Mill St. Lewisville, Tx 75057 for access. The Ranger will issue one gate access card to the contractor responsible person, access times will be limited to daylight hours. The contractor responsible person will be allowed to place a lock within the chain for the gate on the south end of the project (at SH 121 Business) for access from the south. The contractor shall plan construction activities to minimize the use of the north access and will not be allowed to access from the north during wet weather to limit potential damage to the park roads.

**Item 6:**

This project has structures with surface coatings which may contain lead and/or other hazardous constituents. Contractor is responsible for the health and safety of his employees and compliance with all OSHA standards and regulations.

**Item 8:**

This Project will be a Five-Day Workweek in accordance with Article 8.3.A.1.

Contract time will be suspended if there are unusual weather events which cause the USACE to release excessive and unusual amounts of water from the Lake Lewisville Dam or if there is an uncontrolled release from the spillway due to the dam being overtopped; provided in the opinion of the Engineer that such events impact actual construction activities.

**Item 100:**

Remove and replace the existing roadway signs as shown on the plans, or as directed, during construction within the right of way.

The limits of preparing right of way will be measured from Sta. 10+00 to Sta. 17+12 along the centerline of construction.

There is existing debris such as: pieces of broken concrete, large rocks, concrete flows, etc, which have been placed along the channel, adjacent too, and under the existing bridge structure. The contractor will be required to remove such debris which impacts the proposed grading or structure work. Coordinate with the Engineer prior to any removal to determine the limits of removal. Bidders are advised to look at this location prior to bidding and to anticipate removal of all debris. Work associated with manipulating, disposing, etc., of this material, will be considered as included in this item.

The contractor will be required to remove various trees and brush and fences which conflict with proposed construction. The contractor shall limit such removal to the extent necessary to physically construct the project. Removal of trees, brush, fences, etc. will be considered as included; no direct payment will be made for removal of such items. Bidders are advised to look at this location prior to bidding to determine the extent of work required in this item.



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**Item 110:**

Scarify and loosen the excavated areas, unpaved surface areas, except rock, to a depth of at least 8 inches and compact in accordance with the specifications.

Perform the following test by an approved laboratory on excavated soils when used for roadway embankment: 1- Tex-145-E (Sulfate Content in Soils), 2- Tex-106-E (Plasticity Index). Provide the above-mentioned test results on sources outside of the right of way at no expense to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 72 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test soils produced by the construction project for specification requirements or material sources specified in the plans.

Excavated shale is not an acceptable material for embankment.

**Items 110, 132 and 164:**

Perform vertical tracking on slopes to temporarily stabilize soil. Provide equipment with a track undercarriage capable of producing a linear soil impression measuring at least 12 inches in length by 2 to 4 inches in width by ½ to 2 inches in depth. Do not exceed 12 inches between track cleats. Install continuous linear track impressions where the minimum 12 inches in length impressions is perpendicular to the direction of water flow. Vertical tracking will not be paid for directly but considered subsidiary to these items.

**Item 132:**

Earth embankment Type C1 and C2, are mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet B). If necessary, add lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)" in order to meet these requirements. Use Tex-121-E, figure 1, page 5 to calculate the amount of lime required. Furnish material containing sulfate at or below the threshold of 5000 parts per million (ppm). For material with sulfate levels greater than 3000 ppm, allow the mixture to mellow for at least three days, or as directed. Test soil for sulfate levels in accordance with Tex-145-E. Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 48 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans. The engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Lime treatment and testing of this material will not be paid for directly, but will be considered subsidiary to this item.

Do not use shaley clays in embankment unless approved in writing.

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Use embankment material Type C2 described in Table 1 "Soil Constants Requirements" for embankments behind bridge abutments to the extent of the bridge approach slabs, and other embankments enclosed by an abutment and / or retaining walls.

**Item 160:**

Sequence construction operations to salvage topsoil from one location and spread on areas ready to receive topsoil. Keep stockpiling of topsoil to a minimum.

Use fertile clay or loam from the project site not more than two feet below natural grade.

**Item 301:**

Provide liquid antistripping agents unless otherwise directed. Provide manufacturer's instruction for liquid antistripping agent.

Add the minimum percentage determined by the manufacturer and try subsequent trials at 0.25% increments, unless otherwise instructed by the manufacturer.

**Item 320:**

The use of windrow pick-up equipment is allowed except on the first course of roadway material placed over the subgrade.

**Item 340:**

Design for a target Laboratory-molded density of 97.0% when using the TGC (Tex-204-F, Part I)

Use aggregate that meets the Surface Aggregate Classification (SAC) requirement of Class B. Provide the engineer the opportunity to witness all mixture design tests. The engineer may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Provide PG binder 64-22 in Type B mixture.

Provide PG binder 64-22 in Type C mixture.

**Item 400:**

Structural Excavation is not paid for directly but is considered subsidiary to pertinent Items.

**Item 416:**

Provide a minimum of one core per bent, regardless of placement method.

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**Item 420:**

Apply an ordinary surface finish to all concrete surfaces within 30 days after form removal.

Form columns to a point a minimum of one foot below the proposed future or existing bottom of channel elevation indicated on the bridge layouts by an acceptable method. This form work is not paid for directly, but is considered subsidiary to this item.

***BENT NUMBERING:***

For bridges with four or more spans, number every third bent (counting the abutments) on the up-station and down-station faces of the outside column(s) at approximately the mid height of the column. For structures with three columns or less per bent, place numbers on column A. Where there are four or more columns per bent, place numbers on both outside columns. Bent numbers shall be as shown on the bridge layout.

Provide block numbers with a height of 6". Place numbers using appropriate die cut stencils and black paint.

All materials, labor and incidentals associated with placing bent numbers are subsidiary to the various bid items.

***NATIONAL BRIDGE INVENTORY NUMBERS:***

Provide National Bridge Inventory (NBI) numbers on all bridge structures and bridge class culverts.

Where beam types allow access to the face of abutment backwall, place NBI numbers on the face of each abutment backwall using 3" block numbers. Locate NBI numbers between the outside beams at opposite corners of the bridge.

Where beam types do not allow access to the face of abutment backwall, place NBI numbers on the face of each abutment cap using 3" block numbers. Locate NBI numbers below the outside beams at opposite corners of the bridge.

Where a bridge begins, ends or contains a bent common to multiple structures, place NBI numbers on both faces near both ends of the common bent cap. The number placed at each of the four locations will correspond to the NBI number assigned to the bridge immediately above the number. Locate NBI numbers below the outside beam. Place using 3" Block Numbers.

For all conditions, use appropriate die cut stencils and black paint for placement. All materials, labor and incidentals associated with placing NBI numbers are subsidiary to the various bid items.

**Items 416 and 420:**

The contractor will be allowed to construct the columns for Bents 2 and 3 in conjunction with the drill shaft construction; provided that a min length of 15 ft permanent smooth steel casing is used between the top of column down such that the column can be constructed through the existing fill material at the ends of the existing bridge. This may facilitate the drill shaft and

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column construction and the hanging of the interior span beams, etc. The contractor shall submit a construction sequence for approval which shows how: the columns will be constructed, caps constructed, beam hung, and excavation accomplished. Columns will be paid as columns regardless of the method used for construction.

Provide a minimum of one core per bent, regardless of placement method.

**Item 421:**

Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (Site Manager). Mix Design templates will be provided by the Engineer.

Provide High Performance Concrete (HPC) of the class specified for all bridge approach slabs, abutments, bents, columns, slabs, sidewalks and medians.

Provide High Performance Concrete (HPC) of the class specified for all railing and permanent concrete traffic barrier placed on bridges or approach slabs.

Provide sulfate resistant concrete for box culverts and all drill shafts. High performance concrete meets the requirement for sulfate resistant concrete when Class C fly ash and Type I cement is not used in the mix design.

Strength evaluation using maturity testing, Tex-426-A, may be used for all concrete elements except drill shafts.

Provide a digital hydraulic compression testing Machine and accessories. The machine shall have a minimum testing range of 2500 pounds force to 250,000 pounds force with a hydraulic switching valve to allow for rapid advancing, hold, controlled advancing and rapid retracting. The machine shall have a load cell to measure compressive forces within the testing range and shall be calibrated and verified in accordance with ASTM latest version. The Machine can meet or exceed the following when approved by the Engineer:

ELE International ACCU-TEK250 Digital Compression Tester including accessories or Forney F-250EX Standard Compression Machine including accessories or TxDOT approved equal.

Air-entrain all concrete except for Class "B" and concrete used in drilled shafts. For structural concrete, if the air content is more than 1.5% below the required air, follow manufacturer recommendations to add the necessary approved air bags to increase the air content at the job site. Limit the adding of air bags in the field to one trial. For structural concrete in abutments, bents and columns do not reject the load of concrete due to low air content; accept concrete based on strength tests. Structural concrete in approach slabs, slabs, sidewalks, medians and rails shall meet the provisions of the specification.

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**Item 423:**

For Mechanically Stabilized Earth (MSE) walls, provide a system from one of the following approved suppliers:

The following MSE panel type systems are approved for use on TxDOT projects:

REINFORCED EARTH WALLS  
THE REINFORCED EARTH COMPANY  
1331 AIRPORT FREEWAY, SUITE 302  
EULESS, TEXAS 76040-4150  
817-283-5503

REINFORCED SOIL EMBANKMENT WALLS  
TEXAS WELDED WIRE, INC.  
645 W. HURST BLVD.  
HURST, TEXAS 76053  
817-282-4560

RETAINED EARTH WALLS  
FOSTER GEOTECHNICAL  
901 NORTH HIGHWAY 77  
HILLSBORO, TEXAS 76645  
254-580-9100

STABILIZED EARTH WALL  
T&B STRUCTURAL SYSTEMS  
637 WEST HURST BLVD.  
HURST, TEXAS 76035  
888-280-9858

STRENGTHENED EARTH WALLS  
HANSON CONCRETE PRODUCTS  
3500 MAPLE AVE.  
DALLAS, TEXAS 75219  
214-525-5877

STRENGTHENED SOIL WALLS  
SHAW TECHNOLOGIES INC.  
P.O. BOX 271448  
FLOWER MOUND, TEXAS 75027  
817-490-1924  
STRUCTURAL EMBANKMENT SYSTEMS  
ROBERTSON ENGINEERING INC.  
327 N. DENTON STREET, SUITE 100  
WEATHERFORD, TEXAS 76086  
817-596-7500

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TENSAR RETAINING WALL SYSTEM  
TENSAR EARTH TECHNOLOGIES, INC.  
5775-B GLENRIDGE DRIVE  
ATLANTA, GEORGIA 30328  
404-250-1290

TRICON RETAINED SOIL WALLS  
TRICON PRECAST, INC.  
15055 HENRY RD.  
HOUSTON, TEXAS 77060  
713-931-9832

VP WALL SYSTEM  
VALLEY PRESTRESS PRODUCTS, INC.  
P.O. BOX 1367  
MISSION, TEXAS 78573  
956-584-5701

Will have a uniform texture and appearance.

Unless otherwise noted in the plans, the top of the leveling pad is located 2 feet below the proposed ground.

Square foot surface area of retaining wall is measured from the top of retaining wall to the top of the leveling pad. Footing adjustments made to accommodate the available optional retaining walls are not measured.

Unless otherwise shown on the plans, provide type D backfill as defined under this item for walls subject to inundation.

Supply drainage aggregate meeting the requirements of this item for use as filter material with the retaining wall.

Cement-Stabilized Backfill (CSB) is not permitted.  
RAP is not acceptable as backfill for MSE retaining walls.

Unless otherwise noted on the plans, provide flowable backfill meeting the requirements of Item 401 between the back of panels and inlets or drainage pipes where the required compaction can not be achieved. Flowable backfill used for this purpose is subsidiary to this item.

Provide earth reinforcements with a length greater than or equal to 80 percent of the wall height or 8 feet whichever is greater. Earth reinforcement length is measured perpendicular to the wall. Adjust skewed earth reinforcements as necessary of obtain required length.

Submit design calculations supporting the details necessary to incorporate coping, railing, inlets, drainage, electrical conduits and any additional necessary features.

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The contractor has the option of constructing any of the types of retaining walls for which details and specifications are included in the plans. Footing adjustments made to accommodate the available optional retaining walls are not measured. Regardless of option or options chosen, use the same fascia pattern throughout the entire project, including cast in place full height retaining walls or retaining wall type abutments.

Submit detailed drawings depicting the patterns and matching of precast with cast-in-place for approval.

Form the map of Texas emblem into a wall panel next to each bridge abutment. Engineer approval of the exact location of each emblem is required. The cost of forming emblems is considered subsidiary to this item. Inset the map of Texas a minimum of  $\frac{3}{4}$  inch into the face of the panel, and provide a smooth finish with an engineer approved contrasting color.

At contractor's expense, repair all damage to the precast units (such as chips) as required to match the fascia pattern.

Use Embankment Type C2 as non-select embankment backfill as defined under Item 423.2.C.1. For non-select embankment fill behind retaining walls provide and install fill in accordance with Item 132, Type C2.

For cut walls, the backfill between the select fill zone and the existing ground shall be either select material as required for the select fill zone or backfill meeting or exceeding the requirements of Item 132, type C2. Place material in accordance with Item 132, Type C2 requirements. If existing ground is laid back (i.e. not vertical), the lay back shall be done as a series of equal height benches so as to prevent the formation of a smooth surface at the material interface.

Avoid distinct vertical joints between select backfill and embankment (Non-Select) backfill as required by Section 423.3.E. This may be conveniently done by providing a zone of material behind the strap zone (1' min width) in which alternating lifts of select and non select materials are interlaced.

**Items 423 and 427:**

Unless otherwise noted on the plans, provide a striated finish on all retaining walls and retaining wall type bridge abutments. Supply form liners providing a finish similar to that derived from Lithotex Formliner Pattern T-2150, "Fractured Fin-Grooved", by the I. M. Scofield Company, Pattern P/C 30717, " $\frac{3}{4}$  inch deep Fractured Fin", by Simons, Pattern 373 "Fractured Fin", by Greenstreak, "Adams Rib – Pattern 16950" by Fitzgerald or equal. Maximum depth of the striations is  $\frac{3}{4}$  inch.

For cast in place walls, cast the top two feet smooth.

Retaining wall colors are shown elsewhere in the plans.

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**Item 427:**

Finish concrete structures surface area I with an opaque sealer of the color(s) shown elsewhere in the plans in accordance Item 427.

Apply a 4-SF sample of each color on the project surfaces for approval. Adjust color as required by Engineer to compensate for surroundings and natural lighting conditions on the project site.

Ensure that surfaces are free of weak surface material, curing compounds and other surface contaminants prior to coating.

FORM LINER FINISHES: Place architectural concrete treatments as shown. Placement is subsidiary to this item.

Where used, provide fractured fin/ribs/striations that are continuous with no apparent curves or discontinuities. Variations of the fractured ribs from true vertical exceeding  $\frac{1}{4}$ " for each 4'-0" of panel height are not acceptable.

Provide form liners that release without leaving pieces of liner material on the concrete and without pulling or breaking concrete from the textured surface. Provide form release agents as recommended by the manufacturer. Replace form liners as directed that have become damaged or worn. Replacement of form liners is considered incidental to the work and no additional compensation is provided.

No horizontal splices in the form liner are permitted. Vertical splices may occur only in valleys between fractured ribs.

Provide sample panels a minimum of ten days in advance of starting construction of the textured concrete surfaces. Construct sample panel(s) in accordance with Item 427.4.B.2.d "Form Liner Finish" using each type of approved form liner. Sample panels must meet the requirements of the plans and specifications and be approved before any construction form liners may be ordered, obtained or used. Provide panels having a textured portion at least 5'-0" by 5'-0" with a representative un-textured surrounding surface. If directed, construct and finish additional test panels until a satisfactory concrete surface texture is obtained.

The approved sample panel is the standard of comparison for the production concrete surface texture. If directed, build a new test panel to demonstrate acceptability of any proposed change in construction method.

Tool or replace areas requiring surface treatment that do not match their associated sample panels. Upon completion, tooled or replaced panels must match the associated sample panel. Tooling or replacement is at the contractor's expense.

**Item 428:**

Provide a Class II surface treatment.

Do not treat the inside face of concrete rails.



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**Item 440:**

Provide bridge approach slab, slab, sidewalk, median and rail reinforcing steel with epoxy coating complying with Item 440 requirements.

Reinforcing for abutments, bents and columns are not required to be epoxy coated.

R-bars (I-beams, U-beams and TX Girders), Z-bars (boxes), H-bars (Slab beams), and C-bars (DT beams) are not required to be epoxy coated.

All ties, chairs and other appurtenances used with epoxy coated reinforcing shall be epoxy coated or non-metallic.

**Item 432, 459:**

The contractor will not be required to construct coffer dams, etc. to construct the rip rap under the bridge. Gabions Mattresses and Gabion Baskets will be used in-lieu of the concrete rip rap shown under the bridge on plan sheet 41. The limits of the gabions will be adjusted to fit the field conditions at the time of construction and will be based on the normal high water mark and current weather patterns factored with the portions of existing debris which were determined to remain in place as stated in the general notes under Item 100. The Gabion Mattresses will be used to armor the bridge channel embankment slope from and will extend to the new toe of slope. The Gabion baskets will be constructed along the perimeter of the limits of the armored slope

**Item 496:**

Concrete pavement removed as a result of removing the inlets will not be paid for directly but will be considered as subsidiary to Item 496.

**Item 502:**

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Barricades will be in accordance with the detail "TYPE III BARRICADE (POST AND SKID) TYPICAL APPLICATION" shown on BC(10)-07, using "Bridge Closed" in-lieu of "Road Closed" and no detour sign on both sides of the approaches to the bridge.

There is an educational facility south of the bridge (Lewisville ISD Outdoor Learning Area). Access to this facility needs to be maintained at all time.

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**Item 506:**

Take all practicable precautions to prevent debris from being discharged into the Waters of Texas or a designated wetland. Install Best Management Practices before demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

If temporary construction stream crossings are allowed under a Nationwide Permit, submit in writing for approval the type and location of each temporary stream crossing. Use temporary bridges, timber mats, or other structurally sound and non-eroding material for temporary stream crossings. A temporary culvert crossing will consist of storm sewer pipes and 4- to 8-inch nominal size rock. Temporary stream crossings must not cause more than minimal changes to the hydraulic flow characteristics of the stream, increase flooding, or cause more than minimal degradation of water quality. Remove the temporary stream crossings in their entirety and return the affected areas to their pre-existing elevation. All work and materials use for temporary construction stream crossings will not be paid for directly but are subsidiary to pertinent Items.

SW3P Maintenance Reports are made every seven calendar days. Make corrections as soon as possible before the next anticipated rain event or within seven calendar days after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with the seven calendar day time limit and should be thoroughly documented on Form 2118. If maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

Obtain from the Engineer a copy of the project's TPDES Storm Water Program and Notice of Intent or Construction Site Notice. Laminate the sheets and bond with adhesive to 36" X 48" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits or as directed by the Engineer. SW3P Signs, maintenance, and repostings will be subsidiary to Item 502.

**Item 512:**

Portable CTB removed off of this project will become the property of the contractor.

**Item 540:**

Furnish one type of post throughout the project except as specifically noted in the plans.

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**Item 552:**

The location of the proposed fence will be on each quadrant of the new bridge. The actual alignment of the fence will be determined in the field, and will be subject to approval; however the general alignment will be parallel to the roadway and will turn up the embankment slope and terminate adjacent to the end of the bridge on each quadrant. There will be four end bracings for each quadrant; one bracing at each end of each parallel section and one bracing at each end of the section that turns up the embankment slopes.

**Item 644:**

Prior to taking elevations to determine lengths for fabrication of sign posts and/or sign support towers, obtain verification of all proposed locations.

Provide field galvanizing and metallizing equipment, as per Item 445, at all times and make repairs to galvanized surfaces according to the above specification item at intervals as directed.

After sign supports with signs attached have been erected, wash individual units requiring cleaning with an approved cleaning solution to remove all grease, oil, dirt, smears, streaks, and other foreign particles.

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COUNTY : DENTON

TEXAS DEPARTMENT OF TRANSPORTATION

**GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS**

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT  
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF  
----- TRANSPORTATION JUNE 1, 2004.  
STANDARD SPECIFICATIONS ARE INCORPORATED  
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS  
ITEM 100 PREPARING RIGHT OF WAY (103)  
ITEM 110 EXCAVATION (132)  
ITEM 132 EMBANKMENT (100)(204)(210)(216)(400)  
ITEM 161 COMPOST (160)  
ITEM 162 SODDING FOR EROSION CONTROL (166)(168)  
ITEM 164 SEEDING FOR EROSION CONTROL (162)(166)(168)  
ITEM 168 VEGETATIVE WATERING  
ITEM 310 PRIME COAT (300)(316)  
ITEM 340 DENSE-GRADED HOT-MIX ASPHALT (METHOD) (210)(300)(301)  
(320)(520)(585)  
ITEM 416 DRILLED SHAFT FOUNDATIONS (420)(421)(440)(447)(448)  
ITEM 420 CONCRETE STRUCTURES (400)(404)(421)(426)(427)(438)(440)  
(441)(447)(448)  
ITEM 422 REINFORCED CONCRETE SLAB (420)(421)(424)(426)(430)(440)  
(447)  
ITEM 423 RETAINING WALLS (110)(132)(400)(420)(421)(424)(440)(445)  
(447)(458)(556)  
ITEM 425 PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS (420)  
(421)(424)(426)(427)(434)(440)(442)(447)  
ITEM 428 CONCRETE SURFACE TREATMENT (427)(447)  
ITEM 432 RIPRAP (247)(420)(421)(427)(431)(440)(447)  
ITEM 450 RAILING (420)(421)(424)(440)(441)(442)(445)(446)(447)  
(448)(540)  
ITEM 454 BRIDGE EXPANSION JOINTS (429)(442)(447)  
ITEM 459 GABIONS AND GABION MATTRESSES  
ITEM 496 REMOVING STRUCTURES (430)  
ITEM 500 MOBILIZATION  
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING  
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL

CONTROLS (432)(556)

ITEM 512 PORTABLE CONCRETE TRAFFIC BARRIER (420)(421)(424)(440)  
(442)

ITEM 540 METAL BEAM GUARD FENCE (421)(441)(445)(529)(542)(544)

ITEM 542 REMOVING METAL BEAM GUARD FENCE

ITEM 544 GUARDRAIL END TREATMENTS

ITEM 552 WIRE FENCE (445)(492)

ITEM 644 SMALL ROADSIDE SIGN SUPPORTS AND ASSEMBLIES (421)(440)  
(441)(442)(445)(634)(636)(643)(656)

ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)

ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)

ITEM 672 RAISED PAVEMENT MARKERS (677)(678)

ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE  
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED  
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS  
(FORM FHWA 1273, MARCH, 1994)

#### WAGE RATES

SPECIAL PROVISION "PARTNERING" (000--002)

SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000--003)

SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO  
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000--004)

SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY  
CONSTRUCTION CONTRACT SPECIFICATIONS" (000--006)

SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"  
(000--009)

SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"  
(000--011)

SPECIAL PROVISION "NOTICE OF CHANGES TO U.S. DEPARTMENT OF LABOR  
REQUIRED PAYROLL INFORMATION" (000--1483)

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)

SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--1676)

SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID  
CONTRACTS" (000--1966)

SPECIAL PROVISION TO ITEM 1 (001--015)

SPECIAL PROVISION TO ITEM 2 (002--017)

SPECIAL PROVISION TO ITEM 3 (003--033)

SPECIAL PROVISION TO ITEM 4 (004--017)

SPECIAL PROVISION TO ITEM 5 (005--004)

SPECIAL PROVISION TO ITEM 6 (006--030)

SPECIAL PROVISION TO ITEM 7 (007--806)

SPECIAL PROVISIONS TO ITEM 8 (008--007)(008--119)

SPECIAL PROVISIONS TO ITEM 9 (009--009)(009--015)

SPECIAL PROVISION TO ITEM 100 (100--002)

SPECIAL PROVISION TO ITEM 161 (161--006)

SPECIAL PROVISION TO ITEM 164 (164--002)

SPECIAL PROVISION TO ITEM 166 (166--001)

SPECIAL PROVISION TO ITEM 247 (247--033)

SPECIAL PROVISION TO ITEM 300 (300--032)

SPECIAL PROVISION	TO ITEM	316	(316---016)
SPECIAL PROVISION	TO ITEM	318	(318---010)
SPECIAL PROVISION	TO ITEM	340	(340---003)
SPECIAL PROVISION	TO ITEM	420	(420---002)
SPECIAL PROVISION	TO ITEM	421	(421---035)
SPECIAL PROVISION	TO ITEM	424	(424---002)
SPECIAL PROVISION	TO ITEM	425	(425---001)
SPECIAL PROVISION	TO ITEM	428	(428---001)
SPECIAL PROVISION	TO ITEM	429	(429---008)
SPECIAL PROVISION	TO ITEM	431	(431---001)
SPECIAL PROVISION	TO ITEM	434	(434---003)
SPECIAL PROVISION	TO ITEM	440	(440---003)
SPECIAL PROVISION	TO ITEM	441	(441---006)
SPECIAL PROVISION	TO ITEM	442	(442---016)
SPECIAL PROVISION	TO ITEM	447	(447---002)
SPECIAL PROVISION	TO ITEM	448	(448---002)
SPECIAL PROVISION	TO ITEM	450	(450---001)
SPECIAL PROVISION	TO ITEM	500	(500---005)
SPECIAL PROVISION	TO ITEM	502	(502---033)
SPECIAL PROVISION	TO ITEM	506	(506---010)
SPECIAL PROVISION	TO ITEM	512	(512---002)
SPECIAL PROVISION	TO ITEM	540	(540---023)
SPECIAL PROVISION	TO ITEM	636	(636---014)
SPECIAL PROVISION	TO ITEM	643	(643---001)
SPECIAL PROVISION	TO ITEM	672	(672---034)

SPECIAL SPECIFICATIONS:

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ITEM 5049 BIODEGRADABLE EROSION CONTROL LOGS (161)(506)

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH  
 ----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER  
 PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-  
 LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL  
 PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-  
 CATIONS FOR THIS PROJECT.

**SPECIAL PROVISION**

**008---007**

**Prosecution and Progress**

For this project, Item 008, "Prosecution and Progress," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

**Article 8.3. Computation of Contract Time for Completion.** The first sentence of the first paragraph is voided and replaced by the following:

Working day charges will begin 90 calendar days after the date of the written authorization to begin work, or the first day of construction activity if work is initiated within the 90 day period.

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